

Project No.: 98-516-21
Well / Boring No.: MW-8B

Depth (feet)	OVM data (ppm)	Sample interval	Recovery	Casing type	Annular material	ASTM symbol	Description
							_____ = Change in lithology - - - - - = Gradational change in lithology
0			CONTINUOUS	SOLID	GROUT		Concrete; first 4"
1						GW	Well-graded GRAVEL with Sand: gray/brown; 40% sand, 60% gravel; high estimated permeability
2							
3							
4						CL	Sandy Lean CLAY: gray; wet; 70% clay, 30% fine sand; low to moderate estimated permeability; moderate hydrocarbon odor
5							
6							
7							
8						ML	Sandy SILT: gray; 70% silt, 30% very fine sand; low to moderate estimated permeability; moderate hydrocarbon odor
9						SC	Clayey SAND: gray; saturated; 80% fine sand, 20% clay; low estimated permeability; strong hydrocarbon odor
10	542					CL/SC	CLAY/SAND; gray; saturated; 50% clay, 50% fine to coarse sand; low estimated permeability
11							
12							
13							
14							
15	168						
16						SC	Grades to: Clayey SAND; gray/brown; saturated; 10% clay, 90% coarse sand; moderate estimated permeability; moderate hydrocarbon odor
17							
18						CL/SC	CLAY/SAND: gray/brown; saturated; 50% clay, 50% fine sand; low estimated permeability; light hydrocarbon odor
19							
20	37						

Logged by: D. Hazard
 Drilling company: RSI
 Drill date: 4/5/05
 Installation method: Sonic
 Sampler type: continuous
 Auger size: 6.25
 Casing: 2" PVC schedule 40

Grout interval: 0-58'
 Bentonite seal interval: 58-61'
 Sand interval: 61-73'
 Screened interval: 62-72'
 Depth to water:

Project No.: 98-516-21
Well / Boring No.: MW-8B

Depth (feet)	OVM data (ppm)	Sample interval	Recovery	Casing type	Annular material	ASTM symbol	Description
20			↑ CONTINUOUS ↓	↑ SOLID ↓	↑ GROUT ↓	SM	Silty SAND: gray; saturated; 80% fine sand, 20% silt; high estimated permeability; light hydrocarbon odor
21							
22							
23							
24	52					CL	Lean CLAY with Sand: brown/gray; damp; 80% clay, 20% fine sand; very low estimated permeability; no odor
25							
26							
27							
28							
29	274						
30						ML	Grades to: Sandy SILT: 60% silt, 40% very fine sand; low estimated permeability
31							
32							
33						ML	Grades to: SILT: 20% clay, 70% silt, 10% sand; low estimated permeability
34							
35							
36							
37							
38							
39	446					SW/SC	Well-graded SAND with Clay: gray; saturated; 10% clay, 90% fine to coarse sand; moderate hydrocarbon odor
40						ML	Grades to: Sandy SILT: 10% clay, 70% silt, 20% fine sand; low estimated permeability
41							
42							
43							Grades to: Well-graded SAND with Silt: 80% fine sand, 10% coarse sand, 10% silt; moderate to high estimated permeability
44							

Project No.: 98-516-21
Well / Boring No.: MW-8B

Depth (feet)	OVM data (ppm)	Sample interval	Recovery	Casing type	Annular material	ASTM symbol	Description
44			CONTINUOUS	SOLID	GROUT		Grades to: Silty SAND: brown/gray; wet; 30% silt, 70% fine-medium sand; moderate to high estimated permeability
45	7						
46							
47							
48							
49							
50	208					SM	
51							
52							
53							
54							
55							
56	3		SW/SM	Grades to: Well-graded SAND with Silt: damp; 10% silt, 80% fine to coarse sand, 10% gravel; moderate to high estimated permeability; no odor			
57							
58			SM		Silty SAND: brown/gray; moist; 20% silt, 80% fine sand; high estimated permeability; no odor		
59							
60	4		ML		Sandy SILT: gray/brown; moist; 60% silt, 40% fine to coarse sand; low to moderate estimates permeability; no odor		
61							
62			SAND		SM	Grades to: Silty SAND: brown; damp; 30% silt, 70% fine to coarse sand; moderate to high estimated permeability; no odor	
63							
64							
65	0						
66							
67							
68							

Project No.: 98-516-21
Well / Boring No.: MW-8B

Depth (feet)	OVM data (ppm)	Sample interval	Recovery	Casing type	Annular material	ASTM symbol	Description
68			<div> <div></div> <div>CONTINUOUS</div> <div></div> </div>	SCREEN	SAND		<div> <div></div> <div>SW/SM</div> <div></div> </div>
69							
70	0						
71							
72							
73							
74							
75	0						
76							
77							
78							
79							
80	0		<div> <div></div> <div>CONTINUOUS</div> <div></div> </div>	SCREEN	<div> <div></div> <div>BENTONITE</div> <div></div> </div>		<div> <div></div> <div>SW/SM</div> <div></div> </div>
81							
82							
83							
84							
85							
86							
87							
88							
89							
90							
91							
92							

Sandy SILT: gray/brown; damp; 80% silt, 20% fine to coarse sand; semi-consolidated; very low estimated permeability

BOH at 80 feet